TIME. SAFE STORE FOR SPECULATIVE TIES ETT TIME

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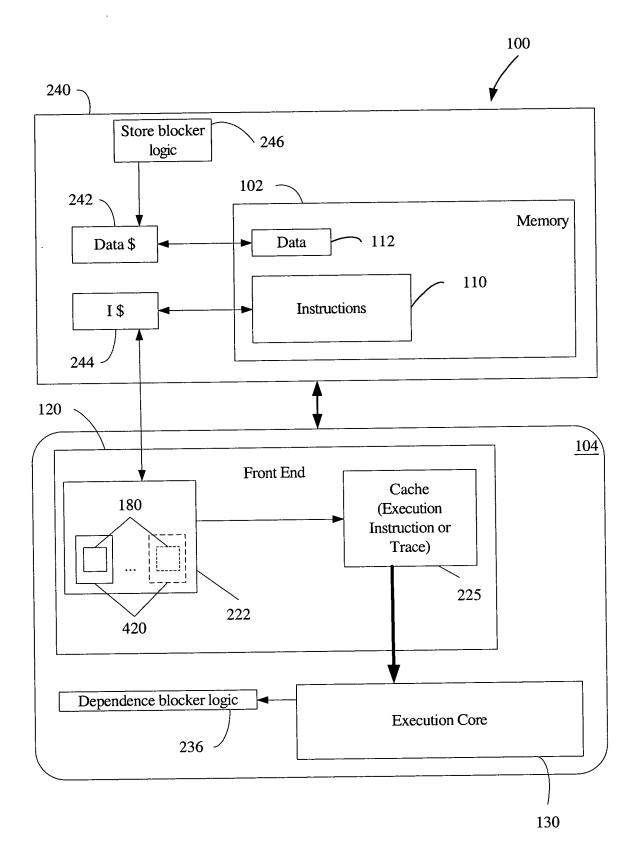


Fig. 1

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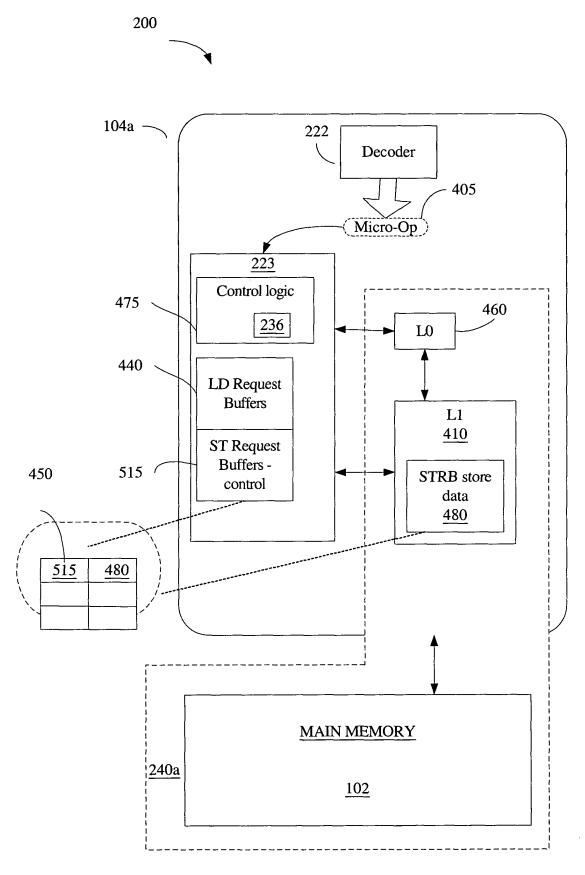


Fig. 2

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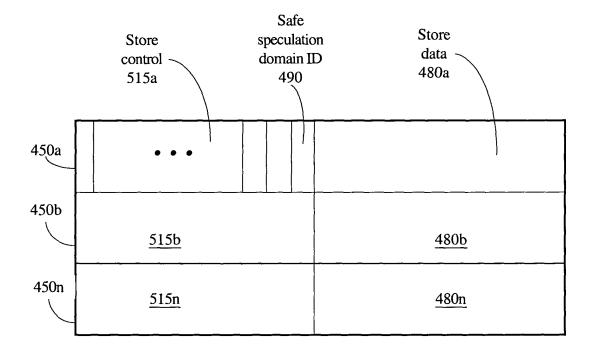


Fig. 3

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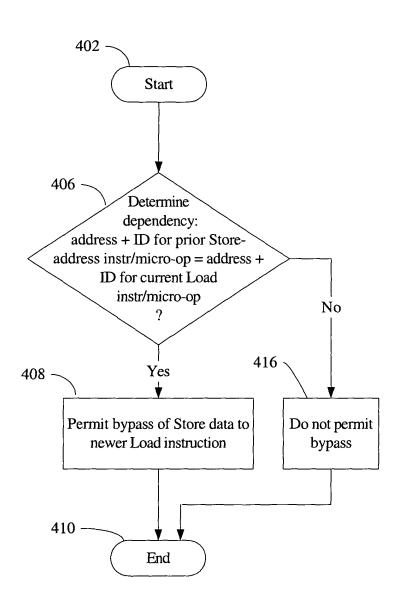


Fig. 4

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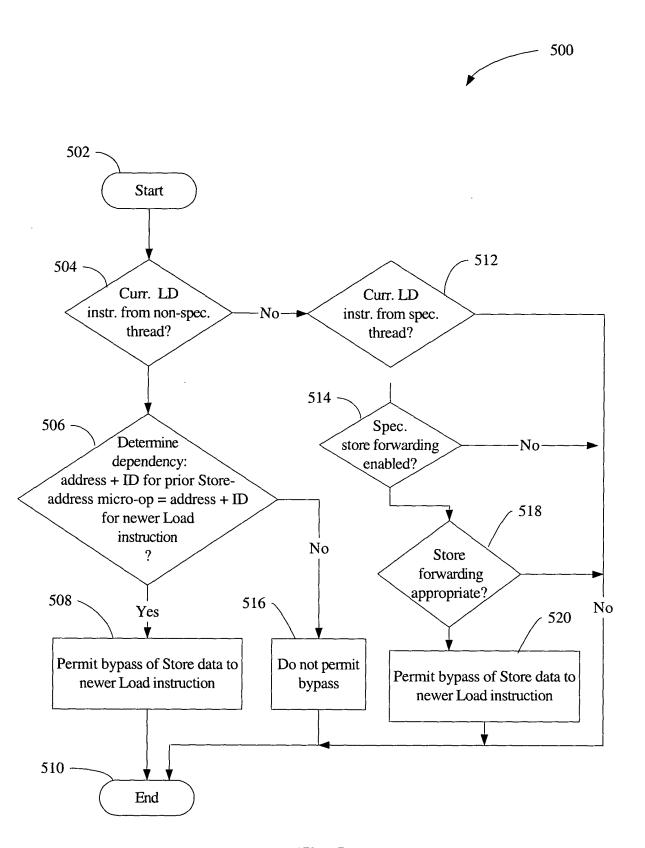


Fig. 5

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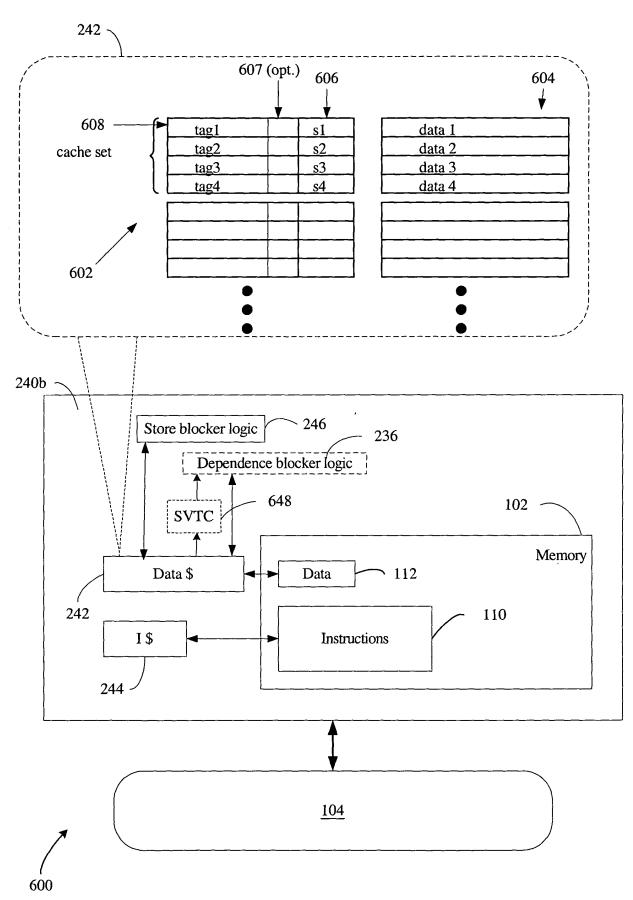
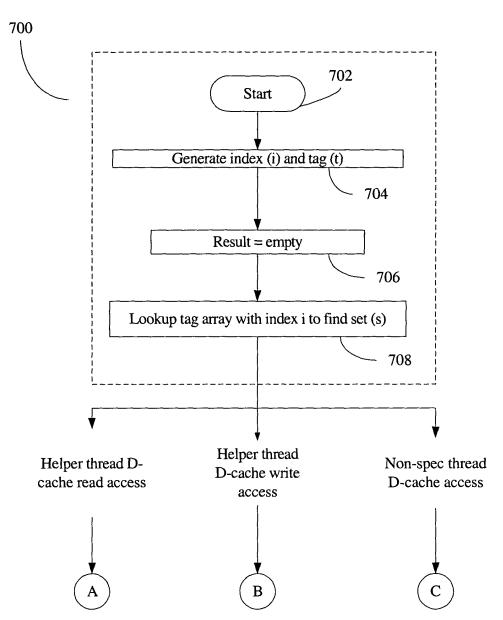


Fig. 6

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**Fig.** 7

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Helper thread Dcache read access

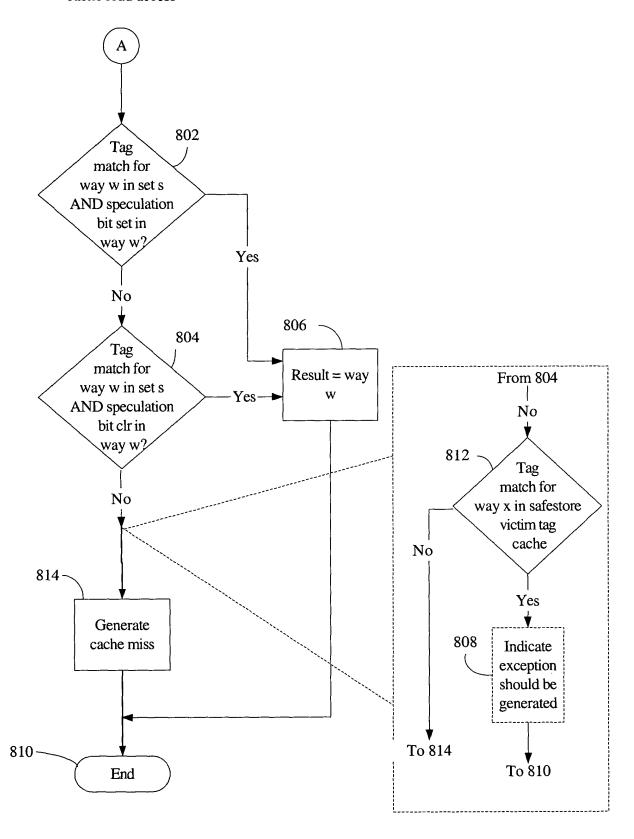


Fig. 8

Title: SAFE STORE FOR SPECULATIVE HELPER THREADS

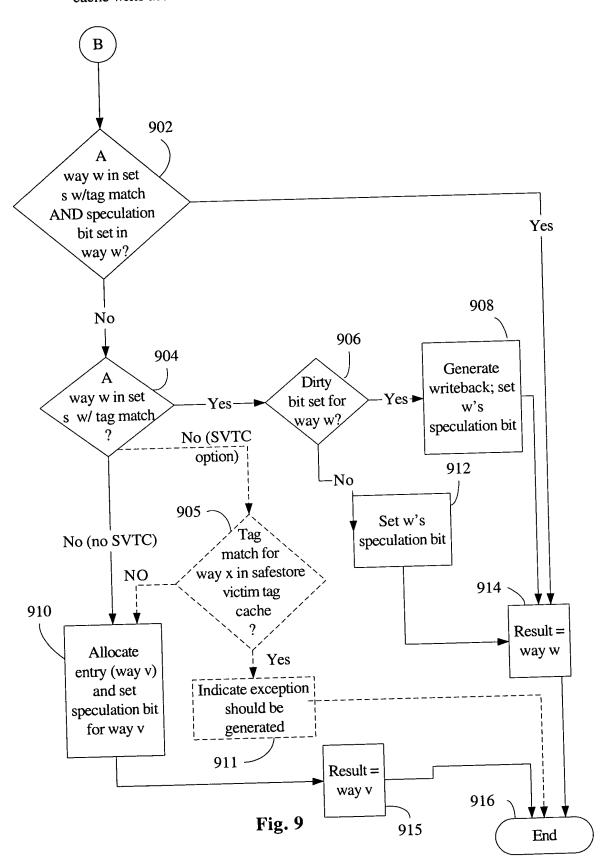
Inventor(s): Wang et al.

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Helper thread Dcache write access



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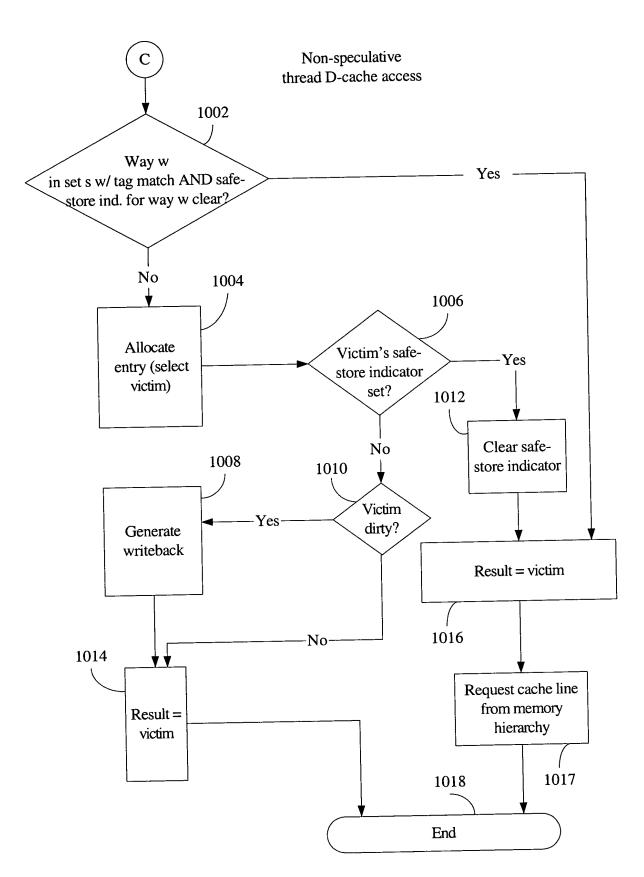


Fig. 10

Title: SAFE STORE FOR SPECULATIVE HELPER THREADS Inventor(s): Wang et al. Express Mail No.: EV325525753US Docket No.: 04 Sheet: 11 of 12

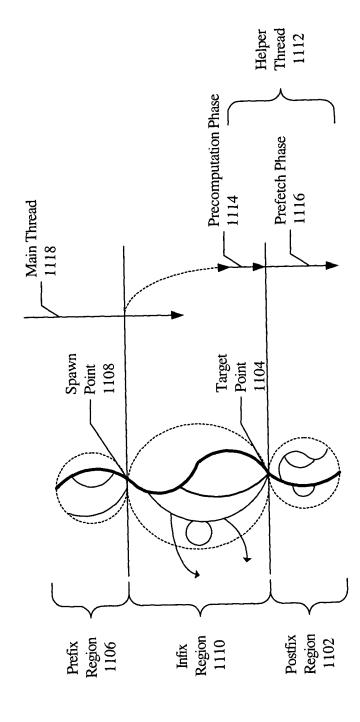


FIG. 11

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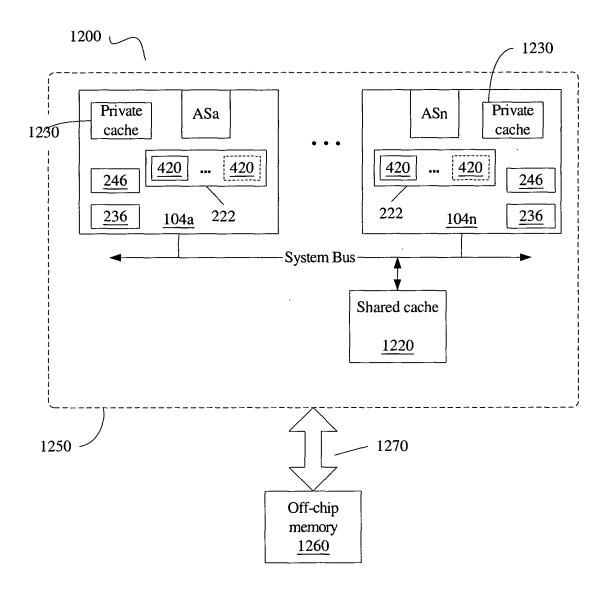


Fig. 12